

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): ~~Method~~ A method of improving the performance of a mobile radio communication system, the method comprising:
receiving, by a first network element that transmits to mobile terminals, in which method
a network element, known as the first network element, transmitting to mobile terminals,
receives at least one information element from at least one other second network element, known
as the second network element, wherein said information element indicating the indicates an
initial transmission power for transmission to a mobile terminal, in the a case of radio link
reconfiguration between said first network element and said mobile terminal, which can produce
a change in changes the transmission power for this said radio link.
2. (original): ~~Method~~ The method according to claim 1, ~~in which~~ wherein said first network element corresponds to a base station, or node B in a UMTS type system.
3. (currently amended): The method ~~Method~~ according to claim 1, ~~in which~~ wherein said second network element corresponds to a base station controller, or radio network controller (RNC) in a UMTS type system.
4. (currently amended): The method ~~Method~~ according to claim 1, ~~in which~~ wherein said second network element corresponds to a network element having a function for controlling

communication with said mobile terminal, including a radio link reconfiguration control function; ~~in particular,~~ in a UMTS type system, a radio network controller or RNC having an SRNC (Serving Radio Network Controller) role.

5. (currently amended): The method ~~Method~~ according to claim 1, ~~in which~~ wherein said second network element corresponds to a network element controlling said first network element; ~~in particular,~~ in a UMTS type system, a radio network controller or RNC controlling a node B or having a CRNC (Controlling Radio Network Controller) role for this node B.

6. (currently amended): The method ~~Method~~ according to claim 4, ~~in which~~ wherein said second network element corresponds to a network element controlling said first network element; ~~in particular,~~ in a UMTS type system, a radio network controller or RNC controlling a node B or having a CRNC (Controlling Radio Network Controller) role for this node B, and ~~further in which, in particular~~ wherein, in a UMTS type system, said information element indicating initial transmission power is transmitted from an RNC having an SRNC role and a CRNC role for a node B, to this node B, according to the NBAP (Node B Application Part) protocol.

7. (currently amended): The method ~~Method~~ according to claim 1, ~~in which~~ wherein said second network element corresponds to a network element not controlling said first network element, and said first network element receives said information element indicating initial transmission power, from said second network element, via a third network element controlling

said first network element, ~~in particular,~~ in a UMTS type system, via a radio network controller or RNC having a DRNC (Drift Radio Network Controller) role.

8. (currently amended): ~~The method Method~~ according to claim 4, ~~in which~~ wherein said second network element corresponds to a network element not controlling said first network element, and said first network element receives said information element indicating initial transmission power, from said second network element, via a third network element controlling said first network element, ~~in particular,~~ in a UMTS type system, via a radio network controller or RNC having a DRNC (Drift Radio Network Controller) role, and ~~further in which,~~ in particular wherein in a UMTS type system, said information element indicating initial transmission power is transmitted from an RNC having an SRNC role, to an RNC having a DRNC role and a CRNC role for a node B, according to the RNSAP (Radio Network Subsystem Application Part) protocol, then retransmitted from this latter RNC to the node B, according to the NBAP (Node B Application Part) protocol.

9. (currently amended): ~~The method Method~~ according to claim 1, ~~in which~~ wherein said information element is received in a radio link reconfiguration command message.

10. (currently amended): ~~The method Method~~ according to claim 1, ~~in which~~ wherein said information element is received in a synchronized radio link reconfiguration command message.

11. (currently amended): The method ~~Method~~ according to claim 1, ~~in which~~ wherein said information element is received in an unsynchronized radio link reconfiguration command message.

12. (currently amended): The method ~~Method~~ according to claim 9, ~~in which~~ wherein in a UMTS type system, said radio link reconfiguration command message corresponds to a "radio link reconfiguration prepare" message.

13. (currently amended): The method ~~Method~~ according to claim 9, ~~in which~~ wherein, in a UMTS type system, said radio link reconfiguration command message corresponds to a "radio link reconfiguration request" message.

14. (currently amended): The method ~~Method~~ according to claim 1, ~~in which~~ wherein said initial transmission power is used by said first network element for a radio admission control algorithm.

15. (currently amended): The method ~~Method~~ according to claim 1, ~~in which~~ wherein said initial transmission power is used by said first network element for a power control algorithm.

16. (currently amended): A network ~~Network~~ element, ~~including~~ comprising:
means for implementing a method according to claim 1.

17. (currently amended): Base A base station controller (RNC₁), including comprising:

means (1) for transmitting to a base station (~~node B~~) at least one information element indicating the an initial transmission power for transmission to a mobile terminal (~~UE~~), in the a case of radio link reconfiguration between said base station and said mobile terminal, which can produce a change in changes the transmission power for this said radio link.

18. (currently amended): A base Base station controller (RNC₂), including comprising:

means (4) for transmitting to a another base station controller (RNC₂) at least one information element indicating the a initial transmission power for transmission to a mobile terminal (~~UE~~), in the a case of radio link reconfiguration between a base station and said mobile terminal, which can produce a change in changes the transmission power for this said radio link.

19. (currently amended): A Base-base station controller (RNC₃), including comprising:

means (5) for receiving from a another base station controller (RNC₂) at least one information element indicating the an initial transmission power for transmission to a mobile terminal, in the a case of radio link reconfiguration between a base station and said mobile terminal, which can produce a change in which changes the transmission power for this said radio link, and for retransmitting said information element to said base station.

20. (currently amended): A Base-base station (~~node B~~) including comprising:

means ~~(2, 6)~~ for receiving from a base station controller (~~RNC₁, RNC₃~~) at least one information element indicating ~~the an~~ initial transmission power for transmission to a mobile terminal (~~UE~~), in ~~the a~~ case of radio link reconfiguration between said base station and said mobile terminal, which ~~can produce a change in~~ changes the transmission power for ~~this said~~ radio link.

21. (currently amended): The Base-base station according to claim 20, further comprising; including

means ~~(3, 7)~~ for using said information element for a radio admission control algorithm.

22. (currently amended): The Base-base station according to claim 20 further comprising; including

means ~~(3, 7)~~ for using said information element for a power control algorithm.

23. (currently amended): A mobile Mobile-radio communication system comprising; including

means for implementing a method according to claim 1.